

AMENDED

Nº 50262

STORE
 TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA
 RESERVOIR SITE NO. 21

Date of filing in State Engineer's Office OCT 8 1986
 Returned to applicant for correction MAR 4 1987
 Corrected application filed MAY 1 1987
 Map filed MAY 1 1987 under 50261

The applicant Washoe County and City of Sparks
 Post Office Box 11130, of Reno
 Street and No. or P.O. Box No. City or Town
 Nevada 89520
 State and Zip Code No.
 hereby make application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

- The source of the proposed appropriation is Underground water appropriated under applications 50191 through 50241 inclusive.
Name of stream, lake, spring, underground or other source
- The amount of water applied for is N/A second-feet
One second-foot equals 448.83 gals. per min.
 (a) If stored in reservoir give number of acre-feet 4,000
- The water to be used for power (pumped storage of electrical energy).
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.
- If use is for:
 - Irrigation, state number of acres to be irrigated N/A
 - Stockwater, state number and kinds of animals to be watered N/A
 - Other use (describe fully under "No. 12. Remarks") see remarks
 - Power:
 - Horsepower developed 225 megawatts
 - Point of return of water to stream none, the water will be recycled.
- The water is to be diverted from its source at the following point. The inlet and outlet structures will be centered about a point located within the SE 1/4 NE 1/4 of Section 29, T26N, R19E, M.D.B. & M. at a point from which the NW corner
Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.
of Section 28, T26N, R19E, M.D.B. & M. bears N32°E a distance of 2,350 feet.
- Place of use Washoe County as described in NRS 243.340 et seq. Place of use
Describe by legal subdivision. If on unsurveyed land, it should be so stated.
map has been filed under application 50191.
- Use will begin about January 1 and end about December 31, of each year.
Month and Day Month and Day
- Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Two reservoirs, penstock tunnels, a combination pumphouse/powerhouse, and power transmission system.
State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.
- Estimated cost of works \$112,000,000.00

10. Estimated time required to construct works.....15 years.
If well completed, describe works.
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11. Estimated time required to complete the application of water to beneficial use.....15 years.....
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.
.....see Attachment "A".
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Compared.....bc/b1.....

By s/Donald A. Mahin.....
Donald A. Mahin, Agent
Post Office Box 11130
Reno, Nevada 89520

Protested.....2/20/87 by Fish Springs Ranch, Ltd.....

.....OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed.....cubic feet per second.....

Work must be prosecuted with reasonable diligence and be completed on or before.....

Proof of completion of work shall be filed on or before.....

Application of water to beneficial use shall be made on or before.....

Proof of the application of water to beneficial use shall be filed on or before.....

Map in support of proof of beneficial use shall be filed on or before.....

Completion of work filed.....

Proof of beneficial use filed.....

Cultural map filed.....

Certificate No.....Issued.....

IN TESTIMONY WHEREOF, I.....
State Engineer of Nevada, have hereunto set my hand and the seal of
my office, this.....day of.....
A.D. 19.....

ATTACHMENT "A"

PUMPED STORAGE PROJECT NUMBER 7

SPANISH FLAT QUADRANGLE

RESERVOIR SITE NO. 21

This application is for storage of water in an artificial reservoir (afterbay) to be constructed as part of an electrical energy pumped storage project. This project consists of a forebay and afterbay that will recycle approximately 2,000 acre feet of water per day. The reservoirs will be connected to quasi-municipal water distribution facilities. The estimated annual evaporation from the forebay and afterbay in this project is less than 600 acre feet. The peak generating capacity of this project is about 225 megawatts. The power plant will be located at a point along a line connecting the forebay and afterbay.

The partial ring dike in Section 29 T26N R19E M.D.B.&M. will submerge approximately 86 acres of land lying below an elevation of 4,140 feet mean sea level located within sections 28 and 29 T26N R19E M.D.B.&M. The maximum height of the ring dike will be approximately 100 feet. The average total vertical head of this project is approximately 1,560 feet. The selection of the power plant location, dam location and construction methods will depend upon a detailed site investigation and project optimization.

